

JUL 19 2004

PTO/SB/21 (04-04)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/646371
		Filing Date	August 22, 2003
		First Named Inventor	Armin GRABER
		Art Unit	
		Examiner Name	
Total Number of Pages in This Submission		Attorney Docket Number	SY9-179

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Statement Under 37 CFR 3.73(b) (1 page); Return Receipt Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	Copy of Assignment with Recordation Form Cover Sheet (5 pages)
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	LAHIVE & COCKFIELD, LLP Michael J. Bastian, Ph.D. - 47,411
Signature	
Date	July 16, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 16, 2004

Signature:  (Michael J. Bastian, Ph.D.)



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REVOCATION OF POWER OF ATTORNEY and APPOINTMENT OF NEW POWER OF ATTORNEY

Application Number	10/646371
Filing Date	August 22, 2003
First Named Inventor	Armin Graber et al.
Art Unit	
Examiner Name	
Attorney Docket Number	SY9-179

I hereby revoke all previous powers of attorney given in the above-identified application:

 A Power of Attorney is submitted herewith.**OR** I hereby appoint the practitioners at Customer Number:

00959

 Please change the correspondence address for the above-identified application to: The address associated with
Customer Number:

00959

OR

<input type="checkbox"/> Firm or Individual Name	LAHIVE & COCKFIELD, LLP Michael J. Bastian
---	---

Address 28 State Street

City Boston

Country US State MA Zip 02109

Telephone (617) 227-7400 Fax (617) 742-4214

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)***SIGNATURE of Applicant or Assignee of Record**

Name Andrew T. Karnakis

Signature *Andrew T. Karnakis*

Date 12 July 2004 Telephone 508-383-7406

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of 1 forms are submitted.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: *July 16, 2004*Signature: *Michael J. Bastian* (Michael J. Bastian)

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Andrew T. KarnakisApplication No./Patent No.: 10/646,371 Filed/Issue Date: August 22, 2003Entitled: Method for Characterizing Biomolecules Utilizing a Result Driven Strategy

Applera Corporation, a Corporation
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____ %
 in the patent application/patent identified above by virtue of either:

A. [x] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[] Copies of assignments or other documents in the chain of title are attached.
 [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

12 July 2004

Date

Andrew T. Karnakis

Typed or printed name

508-383-7406

Telephone Number

Signature

Senior Patent Counsel

Title

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 16, 2004

Signature: (Michael J. Bastian)

JUL 19 2004

RECORDATION FORM COVER SHEET PATENTS ONLY

The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies)</p> <p>Armin Gruber, Dale H. Patterson, Peter Juhasz and Stephen A. Martin</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>Applera Corporation</u> Internal Address: _____ _____ _____</p>
<p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p>	
<p>Execution Date: <u>October 16, 2003</u></p>	
<p>Street Address: <u>301 Merritt 7</u> City: <u>Norwalk</u> State: <u>CT</u> ZIP: <u>06851</u></p>	
<p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____</p>	
<p>A. Patent Application No.(s) <u>10/646,371</u></p>	
<p>B. Patent No.(s)</p>	
<p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Michael J. Bastian, Esq.</u> Internal Address: _____ <u>Bowditch & Dewey, LLP</u> Street Address: <u>161 Worcester Road</u> <u>P.O. Box 9320</u> City: <u>Framingham</u> State: <u>MA</u> ZIP: <u>01701-9320</u></p>	
<p>6. Total number of applications and patents involved: <u>1</u></p>	
<p>7. Total Fee (37 C.F.R. 3.41)..... <u>\$ 40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge any deficiencies or credit any overpayment to deposit account <input checked="" type="checkbox"/> Authorized to be charged to deposit account (Attach duplicate copy of this page only if paying by deposit account)</p>	
<p>8. Deposit account number: <u>50-1911</u></p>	

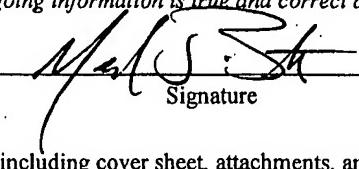
DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael J. Bastian

Name of Person Signing


Signature

1/16/04

Date

Total number of pages including cover sheet, attachments, and document: 5

ASSIGNMENT

WHEREAS, we, Armin Graber, Dale H. Patterson, Peter Juhasz and Stephen A. Martin, have invented a certain improvement in **Method for Characterizing Biomolecules Utilizing a Result Driven Strategy** described in an application for Letters Patent of the United States, the specification of which:

- [] is being executed on even date herewith and is about to be filed in the United States Patent Office;
- [X] was filed on August 22, 2003 as Application No. 10/646,371;
- [] was patented under U.S. Patent No. [] on [].

WHEREAS, **Applera Corporation** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, and having a usual place of business at **301 Merritt 7, Norwalk, Connecticut 06851** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority thereto under the laws of the United States of America or under international convention, including but not limited to continuations, divisionals, reissues, and reexaminations of said application or such Letter Patent; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

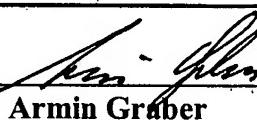
AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution,

reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Director of the United States Patent and Trademark Office to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature:



Armin Graber

State/Commonwealth

of Massachusetts

County of Middlesex

Then personally appeared before me the above-named **Armin Graber** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 110th day of October, 2003.

(Seal)



Notary Public

Laura J. DeSarza (print name)

My Commission expires 07/23/2004

Inventor's Signature:

Dcl 21. Pte

Dale H. Patterson

State/Commonwealth

of Massachusetts

County of Middlesex

Then personally appeared before me the above-named **Dale H. Patterson** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 16th day of October, 2003.

(Seal)

 Notary Public

Laura J. DeSouza (print name)

My Commission expires 07/23/2004

Inventor's Signature:

Peter Juhasz

Peter Juhasz

State/Commonwealth

of Massachusetts

County of Middlesex

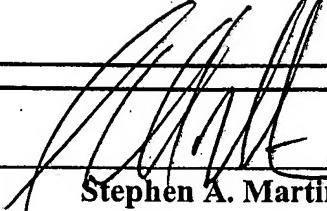
Then personally appeared before me the above-named **Peter Juhasz** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 16th day of October, 2003.

(Seal)

 Notary Public

Laura J. DeSouza (print name)

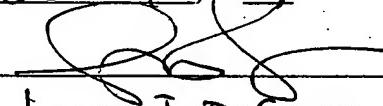
My Commission expires 07/23/2004

Inventor's Signature: 
Stephen A. Martin

State/Commonwealth
of Massachusetts
County of Middlesex

Then personally appeared before me the above-named Stephen A. Martin and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 16th day of October, 2003.

(Seal)

 Notary Public

Laura J. DeSouza (print name)

My Commission expires 07/23/2004